

PUSHPIT

PROGRAMMER ANALYST

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TECHNICAL SKILLS

- **.NET Framework:** ASP.NET, C#, MVC software architecture, Entity Framework, ADO.NET, CLR, Class libraries, LINQ
- **Programming Languages:** C#, Python, C++, JavaScript, OOP
- **Frontend Technologies:** HTML, CSS, Bootstrap, JavaScript, jQuery
- **AWS Services and Tools:** EC2, VPC, IAM, S3, RDS, CloudTrail, CloudWatch, Trusted Advisor, CloudFormation and more.
- **Linux and Networking:** Linux commands, Linux File System, System Administration, IP Addresses, Subnetting.
- **Databases:** SQL Server, MySQL, SQLite, DB2
- **Machine Learning:** Regression and Classification problems
- **ML Algorithms:** Linear Regression, Logistic Regression, KNN, SVM, Decision Trees, Ensemble Techniques, Clustering Algorithms.

EXPERIENCE (Currently working at Cognizant as Programmer Analyst since July 2023)

Cognizant Certified Skill Development Academy, Intern – Cognizant, India, Mar 2023 – July 2023

- Learnt Software Engineering basics and SDLC methods including Agile Methodology, Waterfall, Iterative and Incremental models.
- Implemented Version Control using Git and performed operations like add, push, pull, clone, merge, branch, rebase.
- Used frontend technologies like HTML, CSS, JavaScript, jQuery, Bootstrap to develop Responsive Web Applications.
- Programming using C# to read, write, execute and debug programs using OOP techniques like Inheritance and Polymorphism.
- Gained knowledge about the .NET Framework and its components like CLR and class libraries to build applications.
- Worked with data access technologies like ADO.NET, Entity Framework to create data-oriented apps using code-first workflows.
- Queried data using LINQ query syntax and extension methods in ASP.NET web applications using MVC architecture.

Python Development, Trainee – Brainnest, India, Feb 2023 – Mar 2023

- Learnt Python basics such as datatypes and built-in data structures like lists, tuple, dictionaries and implemented them in programs.
- Developed Python projects such as Hangman, Weather App using Python's GUI Tkinter library and OpenWeatherMap API.
- Gained knowledge on concepts such as decorators, generators, classes, regex, lambda functions and worked with text and csv files.
- Implemented unit testing using Python's unittest module for various test cases.

AWS re/Start Program, Trainee – iPrimed, India, Sep 2021 – Dec 2021

- Designed secure, high-performing, cost-effective, highly available and scalable systems by using AWS services according to best practices defined in AWS well-architected framework and Cloud Adoption framework.
- Learnt various AWS services including but not limited to EC2, VPC, IAM, CloudTrail, Trusted Advisor, CloudFormation and more.
- Gained knowledge on different areas like deployment automation using Cloud Formation, Monitoring & Logging using cloud watch, cloud trail, DevOps process like CI/CD, Configuration Management tools like GIT.
- Explored different AWS database services like RDS and Dynamo DB. Learnt Python basics and applied it with server less services like AWS Lambda.
- Explored different ways to interact with AWS services like AWS CLI and Management console.

EDUCATION

- **B. Tech in Civil Engineering**, Manipal Institute of Technology (MAHE), Manipal-Karnataka, 2017 – 2021 **8.47 CGPA**
- **Highschool (12th Board CBSE)**, Army Public School No.2, Roorkee-Uttarakhand, 2016 – 2017 **84.8%**

PROJECTS

Todo List Web-Application, ASP.NET, MVC Application, India, Jun 2023

- Developed an end-to-end MVC web-app to help users organize and prioritize their work to maximize productivity
- Used Entity Framework to perform code-based migrations and store user data in SQL Server. 1 admin exists to monitor users
- Users can perform basic CRUD operations, track their task completion, add images as tasks and schedule tasks.

Flight Fare Prediction, Machine Learning, Regression, India, Jun 2021

- Developed an end-to-end ML web-app to predict flight fare using python and flask framework.
- Dataset collected from Kaggle. Cleaned, processed, analysed and visualised the data using Pandas, NumPy and Matplotlib.
- Applied Random Forest algorithm to get the best result having MAE of 1229.71. Deployed the model on Heroku platform.

CERTIFICATIONS

- **Azure Fundamentals**, Microsoft, Online Certification, India, Sep 2023
- **AWS Certified Cloud Practitioner**, AWS re/Start, iPrimed, India, Sep 2021 – Dec 2021
- **Python for Everybody**, Coursera, Online Certification, Jan 2021 – Mar 2021
- **IBM Data Science Professional Certificate**, Coursera, Online Certification, Dec 2019 – Ongoing